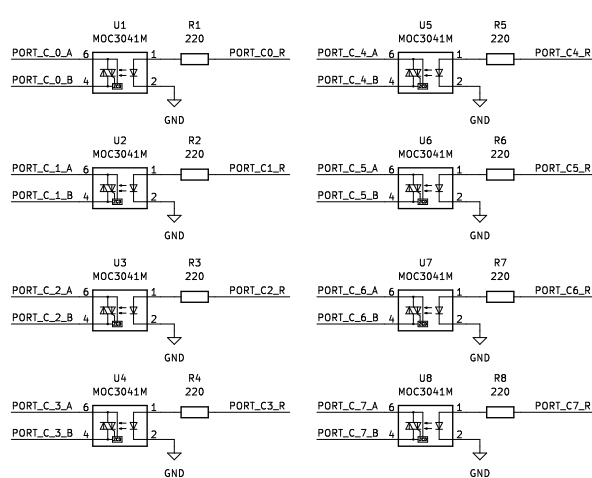
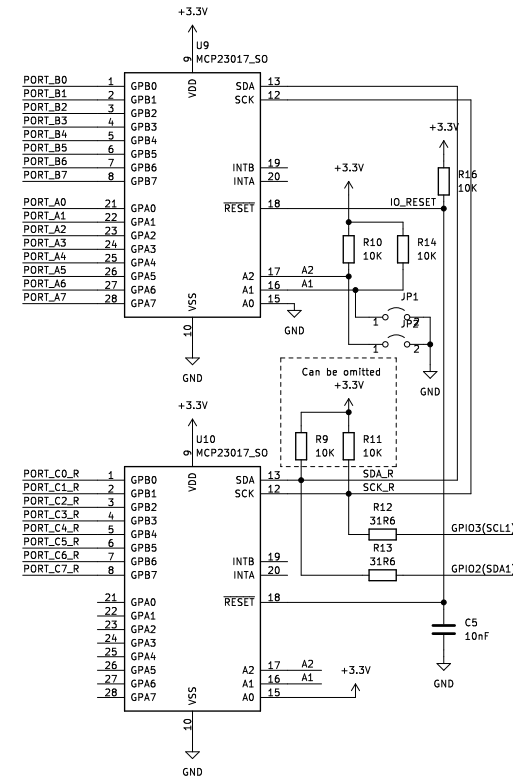
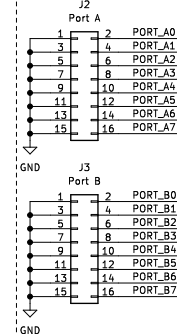


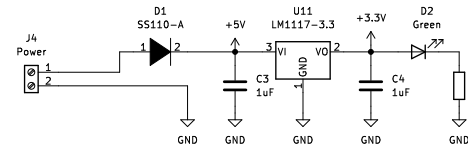
Raspberry Pi connector



Open Drain output ports



Digital I/O parts



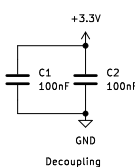
Power Supply - needs to supply more than 500 mA

ID_SD and ID_SC PINS:
These pins are reserved for HAT ID EEPROM.

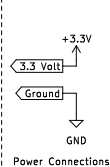
At boot time this I2C interface will be interrogated to look for an EEPROM that identifies the attached board and allows automatic setup of the GPIOs (and optionally, Linux drivers).

DO NOT USE these pins for anything other than attaching an I2C ID EEPROM. Leave unconnected if ID EEPROM not required.

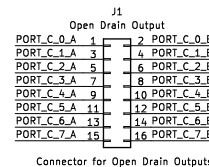
Mounting Holes



Decoupling



Power Connections



Connector for Open Drain Outputs

Beech Grove
Sheet: /
File: OpenTesterRpi3DigitalIIOBoardmk2.kicad.sch
Title: Digital I/O Board for Raspberry Pi 3 based Open Tester
Size: A3 Date: 2022-02-13 Rev: 0.1
KiCad E.D.A. kicad (6.0.0) Id: 1/1